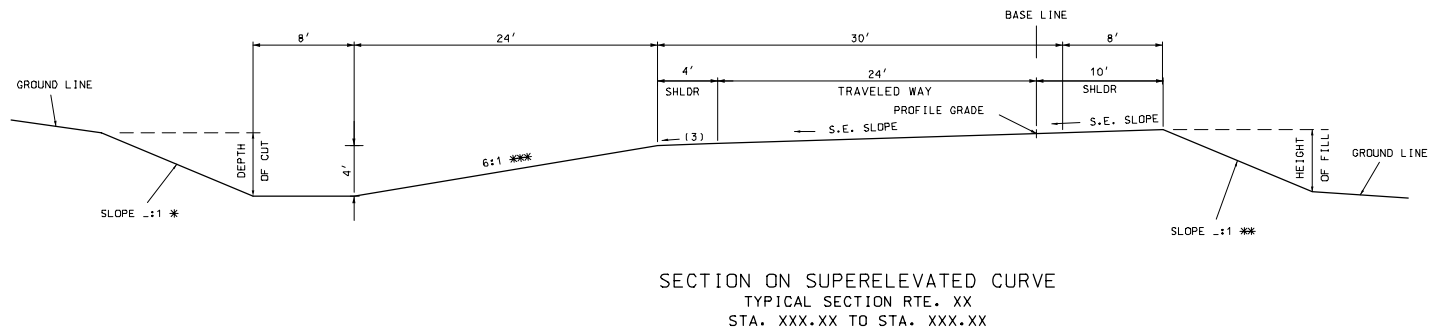
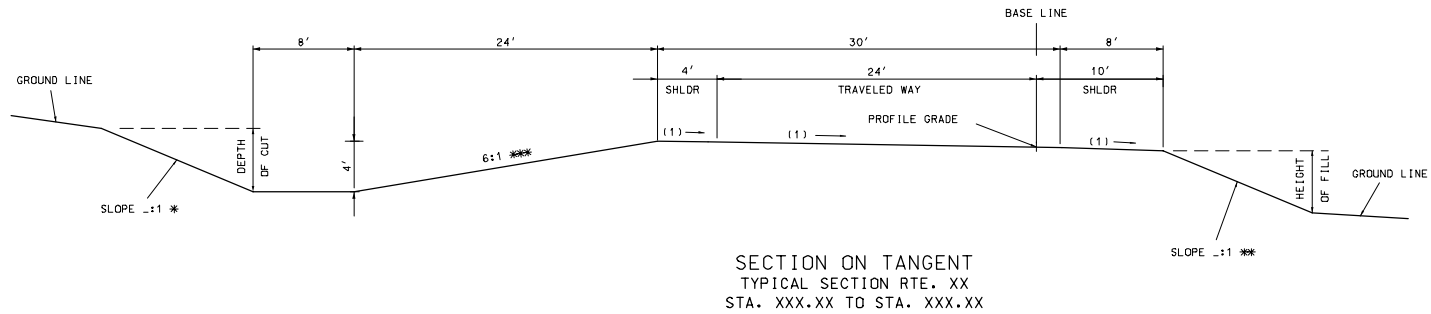


EFFECTIVE 07-01-2002

ROUTE	STATE MO	DISTRICT	SHEET NO.
JOB NO.			
PROJECT NO.			
COUNTY			DATE



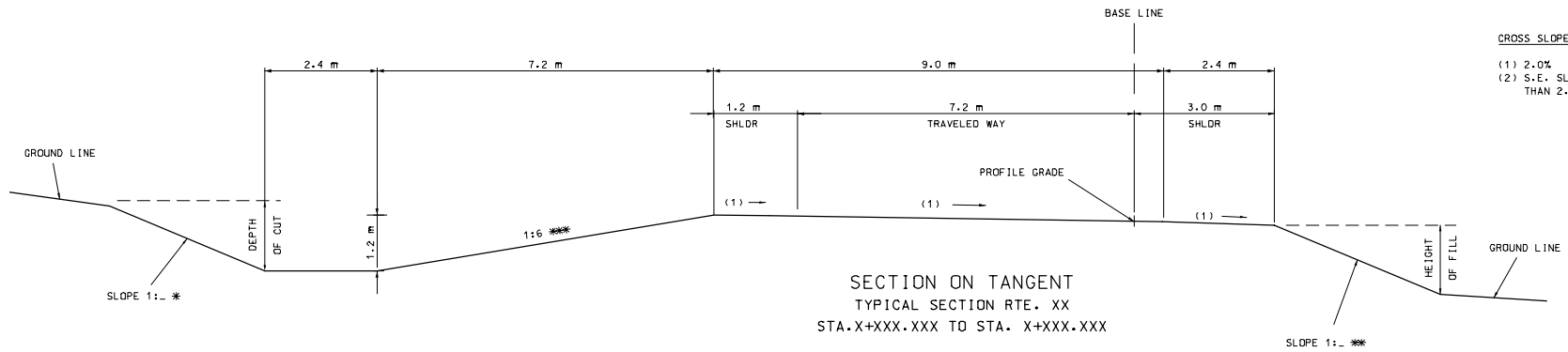
CROSS SLOPE
(1) 2.0%
(2) S.E. SLOPE IF GREATER
THAN 2.0%.

- * BACKSLOPE DETERMINED BY SOIL SURVEY.
- ** THE FILL SLOPE SHALL BE 6:1 OR FLATTER WHEN THE FILL HEIGHT IS EQUAL TO OR LESS THAN 4 FEET (I.E. THE OFFSET FROM THE TOE OF FILL TO THE SHOULDER POINT IS A MINIMUM OF 24 FEET). THE SLOPE MAY VARY TO MEET THIS REQUIREMENT. FOR FILL HEIGHTS GREATER THAN 4 FEET, THE SLOPE SHALL NOT EXCEED THE MAXIMUM SLOPE DETERMINED BY THE SOIL SURVEY.
- *** WHEN CROSS ROAD GOES OVER MAIN ROADWAY, A VARIABLE SLOPE SHALL BE USED FROM RAMP SHOULDER TO MAIN ROADWAY DITCH POINT.

FUNCTION	D-53F
ADT	MULTI-LANE RAMP
TRAVELED WAY WIDTH	ALL
ROADBED WIDTH	24'
FORE SLOPE	38'
DITCH	6:1
	4'

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ROUTE	STATE	DISTRICT	SHEET NO.
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JOB NO.			
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CROSS SLOPE

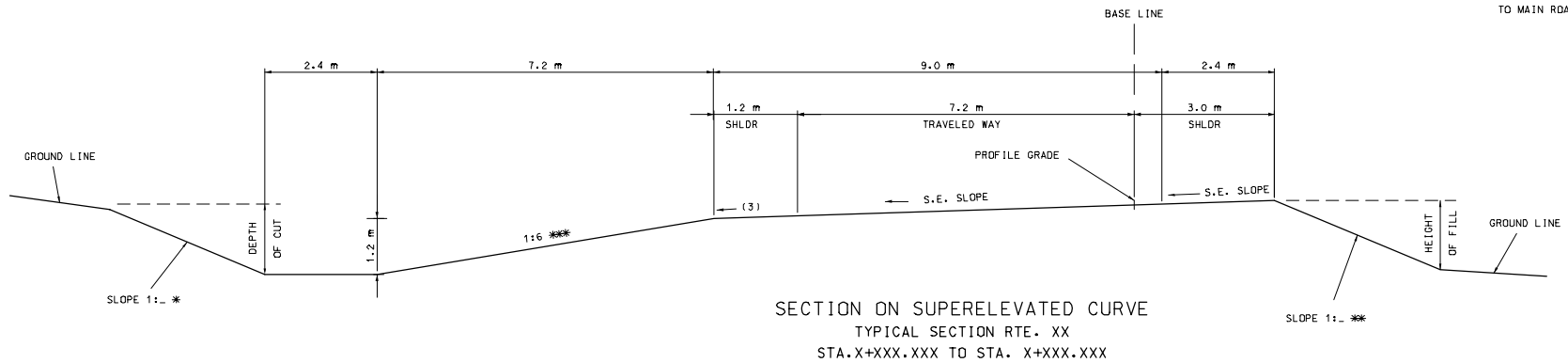
- (1) 2.0%
(2) S.E. SLOPE IF GREATER THAN 2.0%.

* BACKSLOPE DETERMINED BY SOIL SURVEY.

** THE FILL SLOPE SHALL BE 1:6 OR FLATTER WHEN THE FILL HEIGHT IS EQUAL TO OR LESSER THAN 1.2 m (I.E. THE OFFSET FROM THE TOE OF FILL TO THE SHOULDER POINT IS A MINIMUM OF 7.2 m). THE SLOPE MAY VARY TO MEET THIS REQUIREMENT. FOR FILL HEIGHTS GREATER THAN 1.2 m, THE SLOPE SHALL NOT EXCEED THE MAXIMUM SLOPE DETERMINED BY THE SOIL SURVEY.

SLOPE CONVENTION IS METRIC (V:H).

*** WHEN CROSS ROAD GOES OVER MAIN ROADWAY, A VARIABLE SLOPE SHALL BE USED FROM RAMP SHOULDER TO MAIN ROADWAY DITCH POINT.



M-D-53F	
FUNCTION	MULTI-LANE RAMP
ADT	ALL
TRAVELED WAY WIDTH	7.2 m
ROADBED WIDTH	11.4 m
FORESLOPE	1:6
DITCH	1.2 m